

SANDOWN-SHANKLIN (ISLE OF WIGHT)







Annual Report

of the

Medical Officer of Health,
Including the REPORT

of the

Sanitary Inspector, 1937.



Sandown-Shanklin

(Isle of Wight)

Urban District Council, 1937.

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Chairman:

MAJOR MOSS, D.S.O., M.C., J.P.

Vice-Chairman:

MR. F. YELF.

Members of the Council:

MR. W. H. BROWN, MR. H. BROWN,

MR. S. B. GOULD, C.C., MR. I. D. HOOPER,

MR. B. H. COX, MR. B. J. KEMP,

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MR. F. WHITE, MR. A. J. MEW.

Joint Clerks:

HAROLD BAKER, N. DOUGLAS BEST, A.C.I.S..

Medical Officer of Health:

HAYWARD CARPENTER, M.B., B.S., D.P.H. (Lond.), M.R.C.S., Eng., L.R.C.P. (Lond).

Sanitary Inspector:

A. N. TROWBRIDGE, M.R.San.I., M.S.I.A., M.I.H.

Surveyors:

P. G. COCKS, M.I. Mun. and Cy E. T. JOSEY.

Water Engineer:

ARTHUR ORCHARD.

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ANNUAL REPORT, 1937.

To the Chairman and Members of the Sandown-Shanklin Urban District Council.

Mr. Chairman and Gentlemen,

I have the honour to submit the Annual Report on the health statistics and records of administration of the District, together with those of your Sanitary Inspector for the year 1937.

The report is arranged in accordance with circular 1650 of the Ministry of Health and is therefore limited to a record of alterations, improvements or developments which may have taken place during the year of review.

There are no noteworthy conditions prejudicial to the health of the inhabitants and no special action has therefore been necessary to arouse public interest in the prevention of ill health

I remain, Gentlemen,

Your obedient Servant,

HAYWARD CARPENTER,

Medical Officer of Health.

SOCIAL CONDITIONS.

The combined district presents delightful amenities to residents and holiday-makers alike.

The main occupation is catering for visitors.

STATISTICS, 1937.

Area of Urban District (in acres) Registrar General's estimate of residen	 t popul	 ation	3,509
(1937)	• • •		10,900
Number of inhabited houses (end 1937) rate books	accordin	ig to	4,167
Rateable Value	• • •		£130,079
Sum represented by a penny rate		• • •	£520
Live Births.	Total	Μ.	F.
Legitimate			
Illegitimate	7	5	2
Rate per 1,000 of estimated resident j	рориган	on 9.2.	•
Still Births.			
Legitimate			. 1
Illegitimate Rate per 1,000 live and still births	9.9		
		0.0	20
Deaths	167	69	
	*, * *		
Deaths from Cancer Adjusted death rate			$\frac{24}{11.2}$
Crude death rate			
Death Rate of Infants under 1 year.			
All infants per 1,000 live births .			
Legitimate infants per 1,000 legitimat			
Illegitimate infants per 1,000 illegitin Deaths from Measles			NT:1
Deaths from Whooping Cough			
Deaths from Diarrhoea (under 2 year			3.711

GENERAL PROVISIONS OF HEALTH SERVICES.

During the year under review there have been no changes of arrangements for health services.

Laboratory facilities and Clinics continue to be provided by the County Council.

An Orthopædic Clinic has been established by the County Council and the Specialist Surgeon on the Staff of Alton Hospital attends on the first Wednesday of each month to examine Island patients.

Temporary premises are in use at Newport House, Crocker Street, pending completion of the new County Hall.

A joint Hospital Board controls the Fairlee Isolation Hospital at Newport, where cases of infectious disease from this area proceed for treatment. Admissions are arranged at the discretion of the Medical Officer of Health and Superintendent.

Nursing in the Home.

There is no alteration in arrangements. This valuable work, together with Maternity and Child Welfare, is conducted by the three nursing associations.

Ambulance Facilities.

By arrangement of the Council there is an ambulance for urgent cases at Bartlett's Garage in Shanklin, Telephone 45, while other Island Ambulances are available also by arrangement, e.g., The Red Cross, County Hospital or St. Mary's Hospital Ambulances for other than accident cases.

Hospitals.

There are two local Voluntary Hospitals and the Royal I.W. County Hospital serving this area.

ADOPTIVE ACTS IN FORCE.

Public Libraries Acts, 1892-1919.

Public Health Acts Amendment Act, 1890.

Infectious Disease Prevention Act, 1890.

The Museums and Gymnasium Act, 1891.

Private Street Works Act, 1892.

Public Health Acts Amendment Acts 1907, Parts II, III, IV, V and VI. Sections 79, 82, 83 and 84 of Part VII. Parts VIII and X.

Local Government Act, 1894.

Health Resorts and Watering Places Act, 1921.

Public Health Act, 1925.

Local Government and Other Officers Superannuation Act, 1922.

SANITARY CIRCUMSTANCES OF THE AREA. Water.

The water sources are distinct for Sandown and Shanklin areas. The Sandown supply is derived from the River Yar and Dyer's Well at Newchurch.

Provision is made at the Sandown Water Works for sedimentation mechanical filtration, storage and sterilzation.

Control analyses are made at monthly intervals, and an extract from the most recent report from The Counties Public Health Laboratories states: "This sample is clear and bright and of the highest degree of bacterial purity, in which respects it is pure and wholesome water suitable for drinking and domestic purposes.

The Shanklin Area supply is derived from springs at Chillerton, Greatwood, Oxlease, Wroxall and Luccombe. Recent analyses of these spring sources have been highly satisfactory as suitable for drinking and domestic purposes. No necessity has arisen for any treatment of these supplies, and continued vigilance will be exercised to protect these virgin sources from possible contamination,—and particularly in the case of Chillerton, the Council are insistent that all dwellings in the vicinity shall be connected with the sewer provided. With regard to quantity—the Sandown supply is more than adequate to meet the needs of the Town.

The Shanklin sources are ample but the means for obtaining the supply and its distribution have caused considerable difficulty in meeting increasing demands during the peak of the summer season.

A scheme to augment the supply at Chillerton is now contemplated, which should yield ample water for supply of the Town at all times.

Drainage and Sewerage.

In the Sandown area the sewage is discharged into the sea on receding tides.

The Shanklin sewage is subjected to septicisation in storage tanks and the effluent discharged at all states of the tide.

Owing to the increase in size of the two Towns during the past few years, the present system of disposal is inadequate and a scheme is now under consideration for bringing the sewage disposal system up to date.

Sewerage of the Green Lane Area has been completed and all houses which formerly drained to cesspools have been connected to this sewer with a resultant mitigation of a nuisance which was a serious one affecting the amenity of the neighbourhood.

Rivers and Streams.

The River Yar passes through the district. It is a small, winding sluggish stream. No complaints have been received regarding pollution.

Closet Accommodation.

This is on the water-carriage system, and flushing cisterns are universal. Cesspool drainage still exists in some of the outlying districts.

Public Cleansing.

This service is still under the control of the General Surveyor. Reports have now to be submitted to the General Purposes

Committee. The re-organisation of the service by the General Surveyor together with the addition of another dual purpose vehicle for collection in the season has resulted in a wonderful change, and it is recorded that this year no justifiable complaints have been made and the service may now be regarded as sufficient and elastic to cope with all demands.

Sanitary Inspection of the Area.

The details of this work are very adequately dealt with in the Sanitary Inspector's report which includes details regarding shop inspection, smoke abatement and disinfestation.

Swimming Baths and Pools.

One private pool is in existence. A continuous filtration and chlorination plant maintains the purity of the sea water supplied.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The incidence of infectious disease has again been small, and there have been no cases of Diphtheria, as will be seen from the accompanying table. Full use was made of the Joint Board's İsolation Hospital. No methods of immunity have been necessary.

AGE AT DATE OF NOTIFICATION.

Age.	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Fever	Peurperal Pyrexia	Pneumonia	Erysipelas	Polioencephalitis	Ophthalmia Neonatorum
Under 1	-	-	-	-	-	-	-	e _m	-	1
1 and under 2	-	-	-	~	-	~	-	-	-	_
2 ,, ,, 3	~	-	-	~	~	710	Prom	-	~	-
3 ,, ,, 4	_	1	-	-	-	_	-	_	~	-
4 ,, ,, 5	-	~	-	-	-	-	Vin	_	atin	_
4 ,, ,, 5 5 ,, ,, 10	-	9	-	~	-	~	1	1	-	_
10 ,, ,, 15	_	3	-	~	_	-	1	-	-	too
15 ,, ,, 20	-	1	_	-	_	~	1	_	Vie	_
20 ,, ,, 35	-	1	_	_	-	_	_	to.	~	
35 ,, ,, 45	_	1	_	_	_	-	no.	-	_	-
45 ,, ,, 65	_	_	_	_	_	-	5	2	_	_
65 and over	-	_	_	_	_	_	4	1	_	-
Totals	_	16	_	_	_	-	12	4	_	1
_ 0 000 10										

					Cases	
					Admitted	1
Disease				Total Cas	ses to	Total
				Notified	Hospital	Deaths
Smallpox				-	_	
-	• • •			16	11	_
Diphtheria				-	-	_
Enteric Fever (inc	luding	Z.				
Paratypho	,	_		-	-	-
Puerperal Fever				_	-	-
Puerperal Pyrexia				_	_	-
Pneumonia				*12	_	-
Erysipelas				4	~	_
Polioencephalitis				_	_	
Ophthelmia Neonat				1	_	
Totals				33	11	_
* 0		-144-1-4	. 37 1		TT	

* One case admitted to Vectis Nursing Home.

Prevention of Blindness.

No action under Section 66 of the Public Health Act, 1925, has been necessary.

Tuberculosis.

No action has been necessary under the Public Health Act, 1925, Section 62, nor any under the Prevention of Tuberculosis Regulations, 1925.

TUBERCULOSIS.

At the beginning of the year there were 51 cases on the Register. During the year 11 new cases were added to the Register. This made a total of 62 cases in the district during the year. Of the 11 new cases 3 were transferred from the Mainland. Of the 62 cases, two died, five left the district, four recovered, and one case was lost sight of, leaving 50 on the register at the end of the year. Of these, 39 were pulmonary and 11 non-pulmonary.

				NEW CASES							DEATHS			
				Total.	Pulr	nonary		Non- nonary	Total.	Pulmo	nary.	No Pulmo		
A	age Pe	erio	ds.		M.	F.	M.	F.		M.	F.	$\mathbf{M}.$	F.	
0 a	and u	ndei	r 1	-	-	-	-	-	•	-	-	-	_	
1	,,	,,	5	-	-	-	-	-	~	-	-	-	-	
5	,,	,,	10	1	-	-	1	-	-	-	~	-		
10	,,	,,	15	_ =	-	-	-	-	-	-	-	-	-	
15	,,	,,	20	-	-	-	-	-	~	-	-	-	-	
20	,,	,,	25	-	-	~	-	-	-	-	-	-		
25	,,	,,	35	2	1	1	-	-	1	-	1	-	-	
35	,,	,,	45	3	-	2	1	-	-	-	-	-	-	
45	,,	,,	55	4	4	-	~	-	-	-	-	-	-	
55	,,	,,	65	1	-	1	-	-	1	-	1	-	-	
65	and u	pwa	rds	-	-	-	-	-	-	-	-	-	-	
	Total	S		11	5	4	2	-	2	-	2	-	-	

Housing Statistics. FOR THE YEAR 1937.

1.	Ins	pection of Dwellinghouses during the Year:	
	1.	(a) Total number of dwellinghouses inspected	
		for housing defects (under Public Health or	
			168
		(b) Number of inspections made for the	
			322
	2.	(a) Number of dwellinghouses (included under	
		sub-head (1) above) which were inspected	
		and recorded under the Housing Consolid-	
		ated Regulations, 1925	24
		(b) Number of inspections made for the	
		_ · · · · _	112
	3.	Number of dwelling houses found to be in a state	
		so dangerous or injurious to health as to be	
		unfit for human habitation	1
	4.	Number of dwelling houses (exclusive of those	
		referred to under the preceding sub-head) found	
		not to be in all respects fit for human habitation.	34
2.	Det	nedy of Defects during the Year without Service of form	mal
<i></i> •		tices:—	IIai
	1100		
		Number of defective dwelling houses rendered fit	
		in consequence of informal action by the Local	29
		Authority or their officers	23
3.		tion under Statutory Powers during the Year:—	
	(a)	· · · · · · · · · · · · · · · · · · ·	
		Housing Act, 1936:—	
		(1) Number of dwelling houses in respect of	
		which notices were served requiring	
		repairs	1
		(2) Number of dwelling houses which were	
		rendered fit after service of formal notices:	
		(a) By owners	1
		(b) By Local Authority in default of	
			Nil
	(b)	Proceedings under Public Health Acts:—	
		(1) Number of dwelling houses in respect of	
		which notices were served requiring	
		defects to be remedied	Nil
		(2) Number of dwelling houses in which	
		defects were remedied after service of	
		formal notices:—	
		(a) By owners	Nil
		(b) By Local Authority in default of	
		owners	Nil

	(c)	Proceedings under sections 11 and 13 of the Housing Act, 1936:—	
		(1) Number of dwelling houses in respect of	Nil
		(2) Number of dwelling houses demolished in pursuance of Demolition Orders	Nil
	(d)	Proceedings under section 12 of the Housing Act, 1936:—	
		(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
		(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or	
		room having been rendered fit I	Nil
4.	Hous	sing Act, 1936. Part IV.—Overcrowding:—	
	(a)	(i) Number of dwellings overcrowded at the end of the year	10
		(ii) Number of families dwelling therein	11
		(iii) Number of persons dwelling therein	83
	(b)	Number of new cases of overcrowding reported during the year	Nil
	(c)	(i) Number of cases of overcrowding relieved during the year	2
		(ii) Number of persons concerned in such cases	15
	(d)	Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil
	(e)	Any other particulars with respect to over- crowding conditions upon which the Medical Officer of Health may consider it desirable to report.	

The overcrowding in the district is not serious, as will be seen from above figures. The problem of relief of the overcrowded families is receiving careful consideration by the Council.

Sanitary Inspector's Report.

For the Year ending December 31st, 1937.

Health Department, Shanklin, I.o.W. March, 1938.

To the Chairman and Members of the Sandown-Shanklin Urban District Council.

Mr. Chairman and Gentlemen,

Herewith, I beg to present the Annual Report on the work accomplished by my Department during the Year, 1937.

The Housing Statistics as required by the Ministry as per Circular No. 1650, dated 4/10/37, appear as part of the report of the Medical Officer of Health.

I can again report that in 1937 definite progress was made relative to all matters affecting Public Health, consolidation of the 1936 progress has been the keynote before tackling new problems. The detail of the work done is outlined in the report under respective headings and efforts have been made to confine the main statistical information in two tables. Observations follow the tables to give a better idea of the works carried out.

TABLE No. 1.

Sanitary Inspections Made.

	Primary	Re-
Dwelling-houses.	Inspections.	Inspections
Inspected and recorded under Housing Acts	24	112
Inspected under Public Health Acts	144	210
Inspected re overcrowding cases	24	10
Inspected re verminous condition	4	3
Infectious cases visited	17	5
Other cases (non infectious)	5	2
Disinfections carried out (all cases)	22	
Water closets inspected	86	24
Ash receptacles inspected	68	12
Other than Dwelling-houses.		
Inspection of Schools	7	
Inspections of Summer Schools for Children	31	6
Inspections of Hotels	36	14
Inspections of Boarding Houses	44	29
Inspections of Cafés	63	9
Inspections of Shops	44	3

	Primary Inspections.	Re- Inspections.
Drainage.		·
Visits to works in progress	. 116	
Old Drains Inspected	0.0	12
Old Drains Tested (smoke)	. 9	
Old Drains Tested (colour)	30	14
Old Drains found defective	. 17	25
Cesspools Inspected	. 65	29
Slaughter-houses.		
Visits for purpose of Meat Inspection	810	
Visits to Butchers' Shops	. 1298	
	357	
Carcases inspected at Slaughter-houses	4241	
Cowsheds and Dairies.		
Cowsheds Inspected	32	12
Trade marie and Despring	2	
Dairieg Ingrested	18	18
Bakehouses.		
Number Inspected	26	20
Factories and Workshops	20	20
Sanitary Accommodation of Factories		
Inspected	6	4
Worshops Inspected	26	6
Smoke Emission.		
	5	17
Chimneys Observed Boiler Plants Inspected		1 /
Oil Engine Exhausts observed	~	5
On Engine Exhausts observed		J
Water Supplies.		
Visits to sources and Pumping Stations .	17	9
Streams Inspected re Pollution	18	12
Domestic Services Examined		2
Samples taken	7	
Miscellaneous Inspections.		
Summer Camps		
Piggeries		S
Ice Cream Manufactories		36
Public Conveniences	1.0	12
· L	16	5
Sanitary Accommodation of Schools		
Cinemas		
Visits with Surveyors	20	

			Primary Inspections		
Interviews with Owners, Agents an	d Build	lers	96		
Visits with the Medical Officer of	Health		84		32
Visits to Sites with Committee	• • •		4		
TABLE N	0. 2.			~	
Sanitary Improvem		fecte	ed.		
Dwelling-houses.					
Closing Orders Applied and Determ	nined (infor	mal actio	on)	2
Roofs Repaired			···		64
Spouting Repaired and Provided					12
Walls Repaired or Repointed	• • •		• • •	• • •	14
Windows Repaired or Renewed				4 • •	26
Defective Plaster Repaired					56
Handrails Provided					3.
Floors Levelled or Repaired					16
Sink Wastes Disconnected and T	rapped			• • •	22
Rainwater Pipes Disconnected	• • •			• • •	14
Rainwater Pipes Provided	• • •				5
Houses Provided with Washing	Accomn	noda	ation	• • •	5
Dampness abated	• • •	• • •	• • •		12
House Doors Repaired	• • •		• • •		6
Kitcheners Repaired or Renewed	• • •				16
Miscellaneous Improvements		• • •	• • •	• • •	54
Water Closets, Ashpits, Etc.					
Additional Water Closets Provide	ed		• • •		16
Water Closets Repaired					29
Flushing Apparatus Provided					6
Dustbins Provided in lieu of Ins					26
	•		• • • •		4
Drainage.					
					5
Houses Completely Re-Drained		• • •	• • •		17
Drains Repaired or Reconstruct Old Drains Abolished		• • •	• • •	• • •	4
Choked Drains Cleansed			• • •		51
Inspection Chambers Provided			• • •		9
Miscellaneous Improvements			• • •		14
	• • •	• • •	• • •	• • •	17
Slaughter-houses.					_
Licences Issued					5
Licences Issued to Slaughtermer					22
Contraventions of the Meat Reg	ulations	Rei	medied	• • •	14
Cowsheds and Dairies.					
Cowshed Repairs					2
Contraventions of the Milk and	Dairies	Ord	er Remed	lied	7

Miscellaneous.

Fumes and Smoke Nuisances Abated		 	15
Deposits and Refuse Removed		 	26
Contraventions of Council Bye-Laws Re	medied	 	9

INSPECTION AND SUPERVISION OF FOOD.

(a) Milk Supply. The farms have been visited on 44 occasions and all dairies have been visited two or three times each during the year. It is to be noted that in five more cases efficient means for steam sterilization has been provided and it is hoped that all will be equipped during the year 1938.

Apparatus has now been supplied by the Council for the testing of milk, i.e., sediment, colour test and by lactometer.

No comment is made on the standard and quality of the milk produced in the area, it appears to be fairly clean, high fat content and possessing good keeping qualities.

No samples have been taken by this Authority for bacteriological or chemical analysis and no proceedings have been instituted against traders.

(b) Meat and Other Foods. During the year the slaughter-houses were visited 810 times to inspect the carcases of animals slaughtered therein, some 4,241 animals of all kinds being slaughtered in the five slaughter-houses within the area. In addition 1,298 visits were made to butchers' shops and 357 visits to other food premises.

The main carcases examined were:—

Sheep and	Lam	bs		• • •	 1,276
Calves			• • •		 887
Bullocks					 8
Pigs					 1,988

As per Circular, a detailed list is given herewith:—

CARCASES INSPECTED AND CONDEMNED.

	Cattle	e ex-		S	heep and	
	cluding	g Cows	Cows	Calves	Lambs	Pigs
Number killed (if know	vn)	8	-	895	1,300	2,046
Number inspected		8	-	887	1,276	1,988
All diseases except						
Tuberculosis.						
Whole carcase condem	ined	-	-	-	-	1
Carcases of which some	part					
or organ was condem	ned	-	-	-	-	28
Percentage of the num	nber					
inspected affected v	with					
disease other than tul	ber-					
culosis		-	-	-	-	1.5%

Tuberculosis only.

Whole carcases condemned	_	_	000-	de	1
Carcases of which some part					
or organ was condemned	-		-	-	121
Percentage of the number					
inspected affected with					
tuberculosis	-	-	***	-	6.13%

Details:-

- 85 Pigs Heads.
- 72 Pigs Plucks.
- 20 Pigs Mesenteries.
- 21 Pigs Intestines.
 - 2 Pigs Carcases.
- 40 lbs. Sausage Meat.
- 168 lbs. Pork.
- 82 lbs. Bacon.
- 204 lbs. Chilled Beef.
 - 5 Rabbits.
 - 2 Cwts. Ice Cream Cones.
 - 58 Bottles of Mixed Pickles and Onions.
 - 2 Tins of Ox Tongue and Jellied Veal.
- 285 Tins of Various Fruits, Salads, Soups, etc.

Total weight condemned excluding Other Foods, being:—

1 ton, 3 cwts., 1 qr., 27 lbs., and a reduction of 54% on the total weight condemned excluding Other Foods during 1936.

In addition to the inspections carried out within this area, inspections of carcases were made for the Rural Council at the Chale Green Slaughter-house for a period of three months.

Relations continue good between your Inspector and the meat purveyers and no difficulty was experienced in securing the surrender of diseased or unsound meat.

It is regrettable to have to report that the central slaughter-house scheme as mentioned in the 1936 report has not yet materialised. Although the Sandown area is well served, the Shanklin area still needs attention. The Committee have had the schemes placed before them for centralising and have given the matter careful attention. A majority of the butchers are in favour, so it is possible that some scheme of a definite nature will move forward to realisation during 1938.

Legal proceedings were instituted in three cases and on five counts with respect to either exposing, depositing or having sold, diseased or unsound meat; convictions were obtained in each case and on each count, and it is to be noted that the Magistrates commented on the able manner in which the cases were presented.

The appointments of Additional Inspectors to two neighbouring Authorities have been welcomed, and, as a result, it may be stated that, the inspection all-round is keener and there is little likelihood of any diseased or unsound meat finding its way into this area.

Infectious Disease Prevention.

Seventeen cases were visited by your Inspector and disinfection was applied in each case, also disinfection was applied to five cases where tuberculosis was the disease.

No disinfestation was necessary during the year.

Notices.

One Statutory Notice and Five Preliminary Notices were issued during the year. In all other cases, re-conditioning of property and the abatement of nuisances were effected by informal letters followed by interviews with the owners, agents or builders.

Shops Act, 1934. (Section 10).

Forty-four inspections under the above section have been made, no contraventions were found and consequently no notices were issued.

Summer Camps.

During the year 121 visits were made to such camps. Conditions found were somewhat of an improvement on 1936 and some attempts had been made to secure uniformity.

The Committee have recommended to the Council that all sites be licenced for the 1938 season and that bye-laws under section 268 of the Public Health Act, 1936, be submitted to the Minister for approval and that conditions be imposed under section 269 of the same Act to cover all essential matters affecting Public Health.

Conditions have been submitted and approved.

Housing.

The Housing Survey is kept constantly up-to-date and 137 applications for the "Permitted Number" have been dealt with during the year. No fresh cases of overcrowding have arisen and the Council have had placed before them for consideration three different schemes for the abatement of the overcrowding which still exists in this area. 910 visits and re-visits have been made on Housing, Public Health and Nuisance matters during the year.

Health Week.

This, was held at the same time as the "Empire Health Week." It was the first time it had been organised in the Island, Shanklin being the venue for 1937 and it is hoped to organise the "Week" at Sandown during 1938 on the same lines.

The "Week" was kept before the public by staging films on health matters, exhibitions of a temporary nature, lectures by eminent people on diet, food values, etc. Everyone co-operated to make it a success and the Council sponsored the "Week" by loaning the Town Hall, equipment, advertising mediums and a grant of £50 towards the cost. It was a success.

Conclusion.

In conclusion, as in the previous year, may I express here my sincere thanks to all members for their support, to acknowledge with gratitude the assistance given by the other Officials, and to the Medical Officer of Health (Dr. Hayward Carpenter), for his continued advice and guidance on matters relative to Public Health.

I have the honour to be, Gentlemen,
Your Obedient Servant,
A. N. TROWBRIDGE,
M.R.San.I., M.S.I.A., M.I.H.,
Sanitary Inspector.

Sandown Weather in 1937.

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The following report and statistics on the weather experienced in Sandown during 1937 have been compiled by Mr. C. Orchard, Meteorological Observer to the Sandown-Shanklin Urban District Council.

The year may be said to have been a bright one, with long sunny days in the latter half. The bright sunshine recorded was well up to its usual high standard. Rainfall was slightly in excess of the yearly average. Some rather severe storms were experienced. Fog and mist was much more in evidence during the year.

Sunshine.—The registered sunshine totalled 1724.3 hours, being well up to the average, contrasting with 2141.2 hours in 1933 and 1543.6 in 1932. The sunniest month was June and the longest day's sunshine was recorded in May and July, each having 14.5 hours. There were 64 sunless days.

Rainfall.—The total amount for the year was 35.92 inches—slightly above the average. The largest amount registered is 42.02 inches in 1915, and the least 18.75 inches in 1921. There were 36 days with 0.01 to 0.03 inch, and 134 days with 0.04 inch or more. The heaviest fall in one day, 1.90 inches, was measured in December.

Barometer.—The barometer range was from 1040.3 (30.71) in December to 974.6 (28.79) in March, a range of 65.7 millibars, or 1.92 inches. The range for 1936 was 57.8 millibars or 1.71 inches.

Temperature.—The highest maximum temperature was reached in August and the lowest minimum in March. The mean yearly maximum temperature, 57.5 degrees, and the mean yearly minimum 46.4 degrees. The mean yearly temperature 51.9 degrees and the mean range 11.1.

MONTHLY SUMMARY.

Thermometers.

Month	Bar. Max	Bar. Min.	Hst. Max.	Lst. Min.	Mean Temp.
January	1036.5	982.8	53	30	44.8
February	1021.8	978.0	55	32	45.8
March	1028.7	974.6	52	28	41.5
April	1030.8	994.6	65	38	50.2
May	1028.4	1003.9	73	41	54.9
June	1027.6	1001.8	77	45	59.6
July	1024.6	1007.0	74	52	62.0
August	1027.6	1008.2	86	51	64.2
September	1025.8	987.6	71	43	58.7
October	1033.4	976.3	68	40	54.6
November	1034.1	994.3	58	30	45.9
December	1040.3	984.2	55	30	41.5

		Rainfall		Bright Sunshine.			_	
Month.	Total		in a day.		Daily.	Sunni		Sun-
	Fall in m·m	Amt.	Date.	Hours.	Mean.	Day Hrs.		less days
January	5.80	.78	1	61.4	1.98	6.9	8	14
February	5.69	1.22	4	73.2	2.61	8.8	23	7
March	3.97	.88	6	145.1	4.68	10.9	26	7
April	2.34	.40	9	155.0	5.17	13.6	25	1
May	1.75	.46	10	207.4	6.69	14.5	28	3
June	1.03	.45	12	242.2	8.07	14.1	6	
July	1.64	.84	15	176.0	5.68	14.5	16	1
August	1.13	.54	12	234.0	7.55	12.7	0	1
September	2.52	.42	15	181.1	6.04	12.0	4	2
October	2.40	.71	22	113.2	3.65	9.7	10	4
November	1.87	.84	1	86.2	2.87	8.1	3	8
December	5.78	1.90	7	49.5	1.60	7.2	5	16
	35.92			1724.3				64

MONTHLY NOTES.

January.—With 61.4 hours of bright sunshine, January was 11.9 hours above the corresponding month of last year and well up to the five year average. There were 14 sunless days. The 8th, with 6.9 hours, was the sunniest day. Rainfall on twenty-five days amounted to 5.80 inches, which was much above the average. The greatest daily fall, 0.78 inch, was on the 1st. The highest temperature, 53 degrees, and the lowest, 30 degrees. Mean 44.8. Winds mainly south-west. Snow fell on 29th.

February.—February had 5.69 inches of rain on 21 days—much above the average, and 2.97 inches more than the corres-

ponding month of last year. There were seven sunless days and 73.2 hours of bright sunshine recorded—rather below the average. The highest temperature reached 55 degrees and the lowest 28 degrees which was the lowest during the year. Snow fell on four days. Prevailing winds, north-east.

March.—A fine, sunny month, with 145.1 hours of bright sunshine, was well up to the average, and 32.6 hours more than the corresponding month of last year. There were seven sunless days. Rainfall, 3.97 inches on sixteen days, was about the average. The highest temperature reached 52 degrees and the lowest during the year. Snow fell on four days. Prevailing winds, north-east.

April.—With 155.0 hours of bright sunshine, April was some 19.7 hours less than the corresponding month of last year, and slightly below the average. There was only one sunless day. Rainfall on seventeen days amounted to 2.34 inches, about the average. The highest temperature reached 65 degrees and the lowest 38 degrees. Mean 50.2. Winds variable.

May.—With 207.4 hours of bright sunshine, May was well up to the average, but less by 56.9 hours than the corresponding month of last year. There were three sunless days and the sunniest day was on the 28th, with 14.5 hours. Rainfall, 1.75 inches on twelve days was slightly below the average. The highest maximum temperature reached 73 degrees and the lowest minimum 41 degrees. A thunder storm was experienced during the night of the 25th—26th. Prevailing winds south-west.

June.—This month had 242.2 hours of bright sunshine, which was up to its average, but less by one hour than the corresponding month of last year. It was also the sunniest month of the year. There were no sunless days. Rainfall amounted to 1.03 inches on seven days—rather below the average. The highest maximum temperature reached 77 degrees and the lowest minimum 45 degrees. A rather severe thunder storm was experienced during the evening of the 10th. North-west winds prevailed.

July.—With 176.0 hours of bright sunshine and only one sunless day, July was much below the average, and less by 24.9 hours than the corresponding month of last year. The sunniest day was on the 16th, with 14.5 hours. Rainfall on eleven days amounted to 1.64 inches, about the average. The highest maximum temperature reached 74 degrees and the lowest minimum 52 degres. South-west winds prevailed. A thunder storm was experienced on the 15th.

August.—With 234.0 hours of bright sunshine, and only one sunless day, August was slightly above the average, but less by 26.9 hours than the corresponding month of last year. Rainfall on six days amounted to 1.13 inches. The highest maximum temperature reached 86 degrees and the lowest minimum 51 degrees. The highest temperature recorded during the year. A heavy thunder storm was experienced between 7.45 and 8.30 p.m. on the 12th. North-west winds prevailed.

September.—Bright sunshine recorded, 181.1 hours, was well up to the average and 41.8 hours more than the corresponding month of last year. There were two sunless days. Rainfall on twelve days amounted to 2.52 inches. The highest maximum temperature reached 71 degrees and the lowest minimum 43 degrees. North-west winds prevailed. It was rather wet during the middle of the month.

October.—Had 113.2 hours of bright sunshine, which was well up to the average. There were four sunless days. Rainfall on twelve days amounted to 2.40 inches, slightly below the average. The highest maximum temperature reached 68 degrees and the lowest minimum 40 degrees. Some very rough stormy weather was experienced during the latter part of the month. North-east winds prevailed.

November.—With 86.2 hours of bright sunshine, was well above the average. There were eight sunless days. 35.3 hours of sunshine—more than recorded for the corresponding month of last year. Rainfall on ten days amounted to 1.87 inches—rather less than usual. The highest maximum temperature reached 58 degrees and the lowest minimum 30 degrees. A fairly mild month. North-west winds prevailed.

December.—Had only 49.5 hours of bright sunshine, which was rather below the average. There were 16 sunless days. Rainfall on 21 days amounted to 5.78 inches—much above the average. The highest maximum temperature reached 55 degrees and the lowest minimum 30 degrees. Mean 41.5. Freezing point was reached on eight days. A very wet, unsettled month. Northeast winds prevailed.









